

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF GENERAL NURSING
MAIN EXAMINATION APRIL/MAY 2006**

Course Code	NUR 332
Course title	Research methods
No of students	36
Duration	Two (2) hours
Total marks	80

Instructions:

1. Answer ALL four questions.
2. Write all your answers in the provided answer booklet.
3. Read the questions thoroughly and thoughtfully.
4. Handwriting must be legible.
5. Figures in brackets represent marks allocated per question or a part thereof.

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QUESTION 1

Research is essential in any discipline, nursing inclusive.

1.1 Describe any :

1.1.1 three sources from which nursing research problems may be identified. (6)

1.1.2 three reasons why nursing research in Swaziland is imperative. (6)

1.1.3 four reasons why a review of related literature is done when conducting research. (8)

[20 points]

QUESTION 2

Even though research in nursing is encouraged, not all problems are researchable. While some problems are investigated at level one purpose, others are done at levels two, three and four.

2.1 Outline any four characteristics of a researchable nursing problem (4)

2.2 Describe the four purposes/levels of research. (8)

2.3 Formulate a researchable nursing problem topic whose purpose is set at level one. (2)

2.4 State the variable of interest in the topic written in answer 2.3. (1)

2.5 Describe any five ethical principles that are implicated in research that deals with human participants. (10)

[25 points]

QUESTION 3

Some nurse researchers are interested in exploring relationships between two or more variables of an identified phenomenon of interest.

3.1 Define the terms:

3.1.1 variable. (2)

3.1.2 relationship (2)

3.1.3 phenomenon (2) [6]

- 3.2 Name and describe the two types of variables in which the researcher investigates when conducting research to explore relationships in a given phenomenon of interest. (4)
- 3.3 Formulate a researchable nursing topic whose purpose is to explore and describe the relationship between two variables only. (3)
- 3.4 From your answer in 3.3, indicate which variable is which. (2).
- 3.5 Describe any five ways in which the findings of the study whose topic you formulated in answer 3.3, may be used in nursing. (10)

[25 points]

QUESTION 4

- 4.3 Compare and contrast between quantitative and qualitative research designs under the following sub-headings.
- 4.4.1 Sampling method. (2)
- 4.4.2 Sample size. (2)
- 4.4.3 Nature of the data. (2)
- 4.4.4 Research instrument. (2)
- 4.4.5 Generalization of the study findings. (2)

[10 points]